

Figure 1:

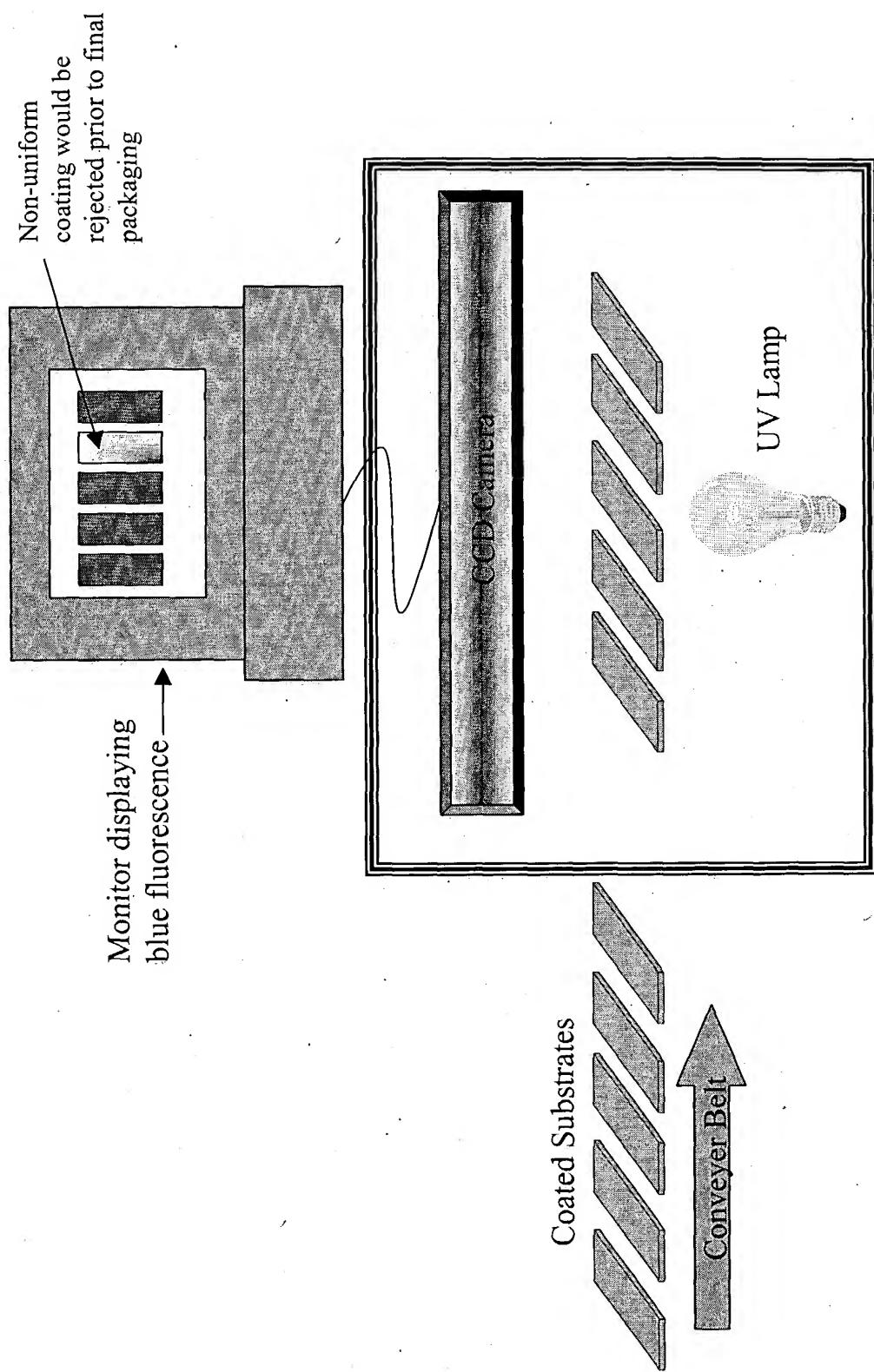
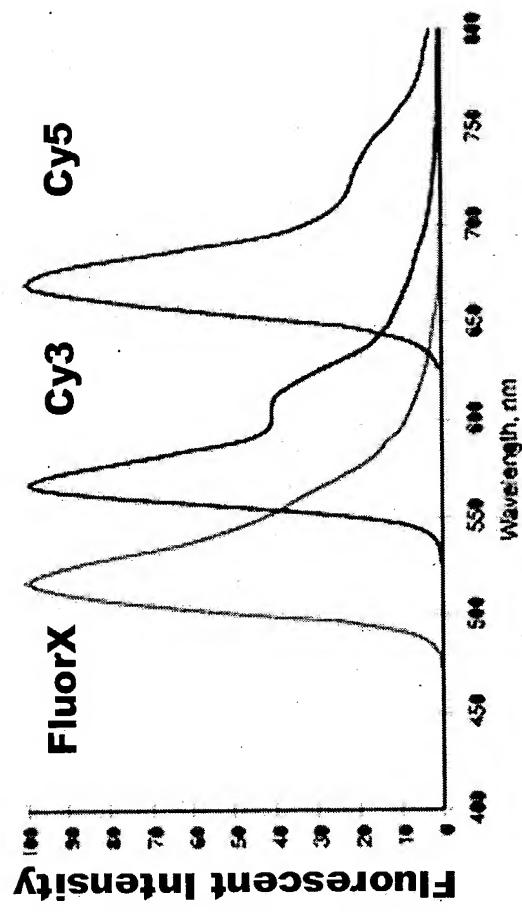


Figure 2:

	Cy3™(nm)	Cy5™(nm)
Excitation	523	635
Emission	540-610	630-710

Emission Spectra



* Amersham Life Science, Inc.

Figure 3:

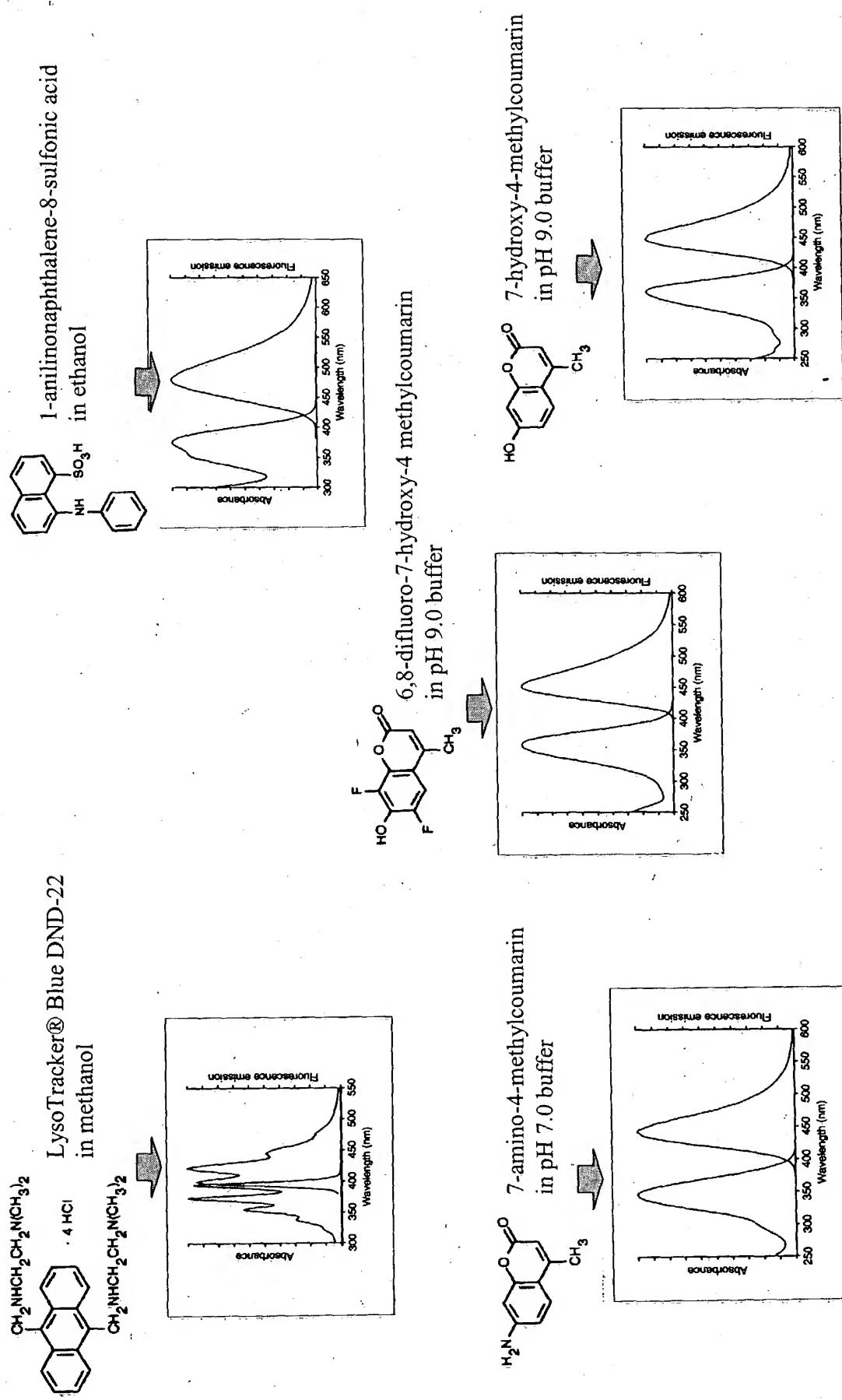


Figure 4

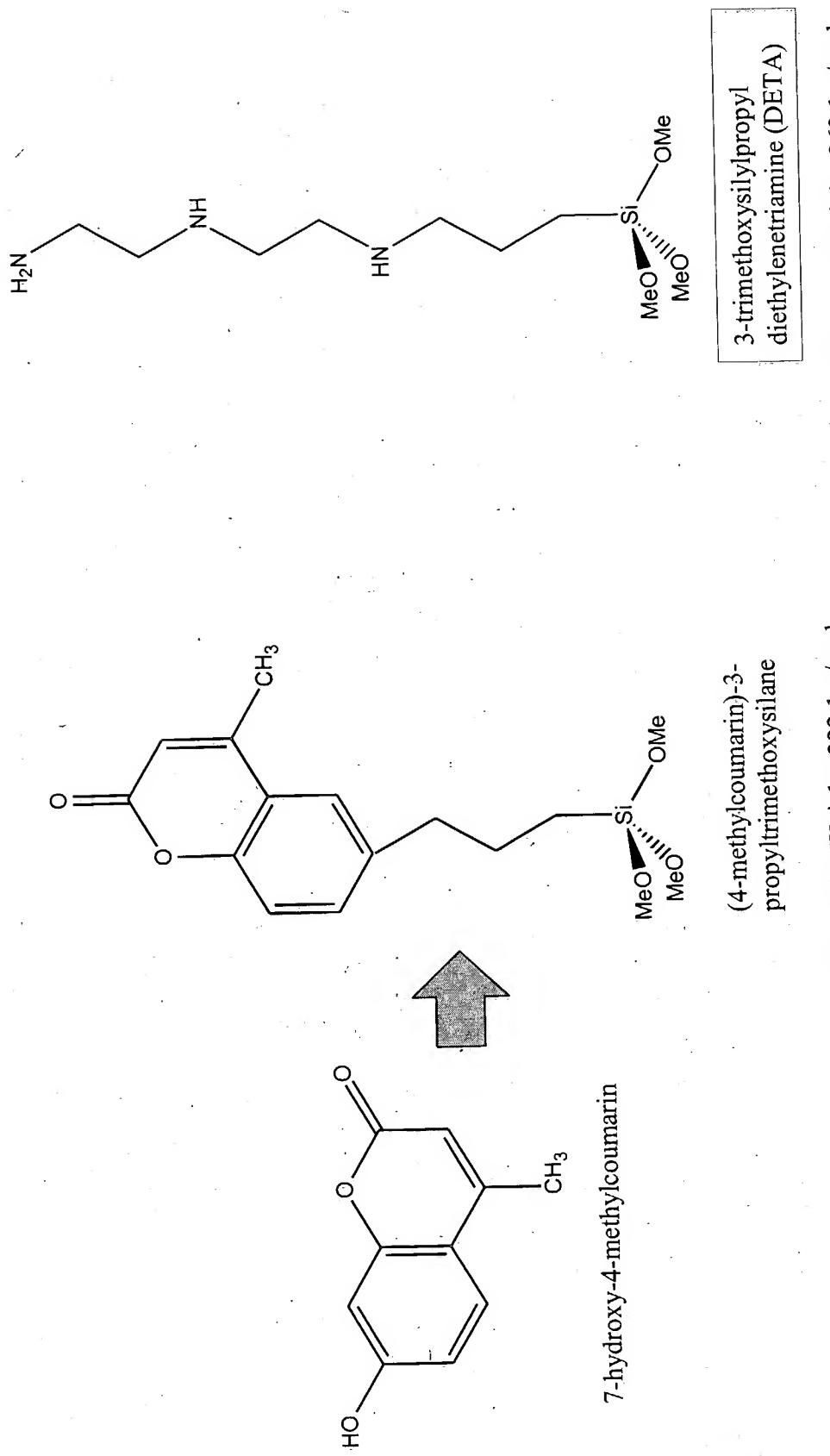
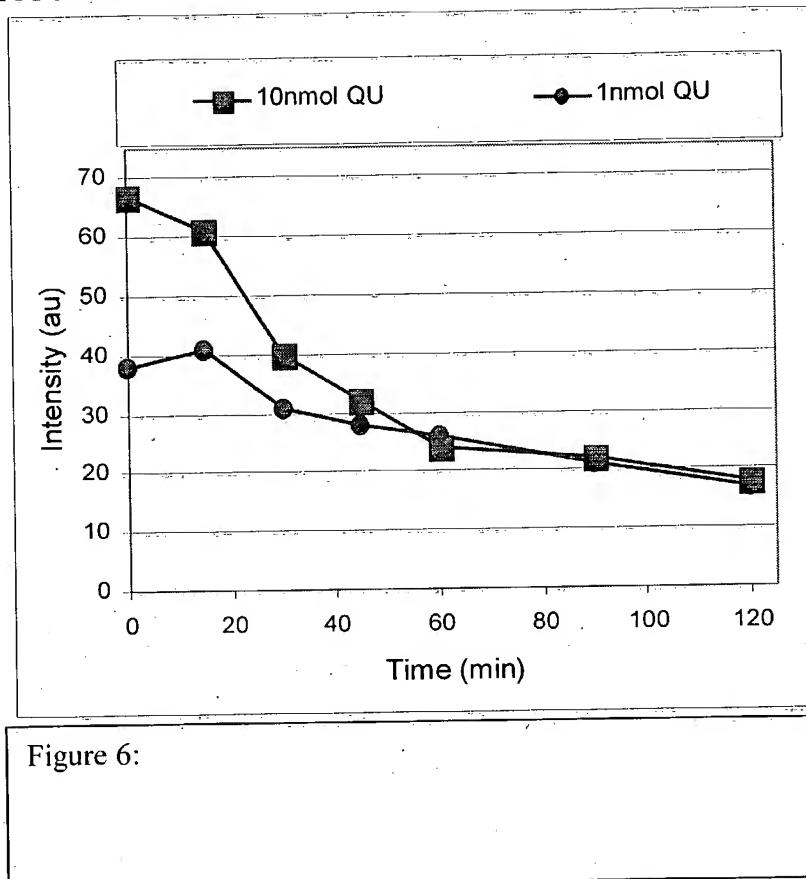


Figure 5:

FIGURE 6



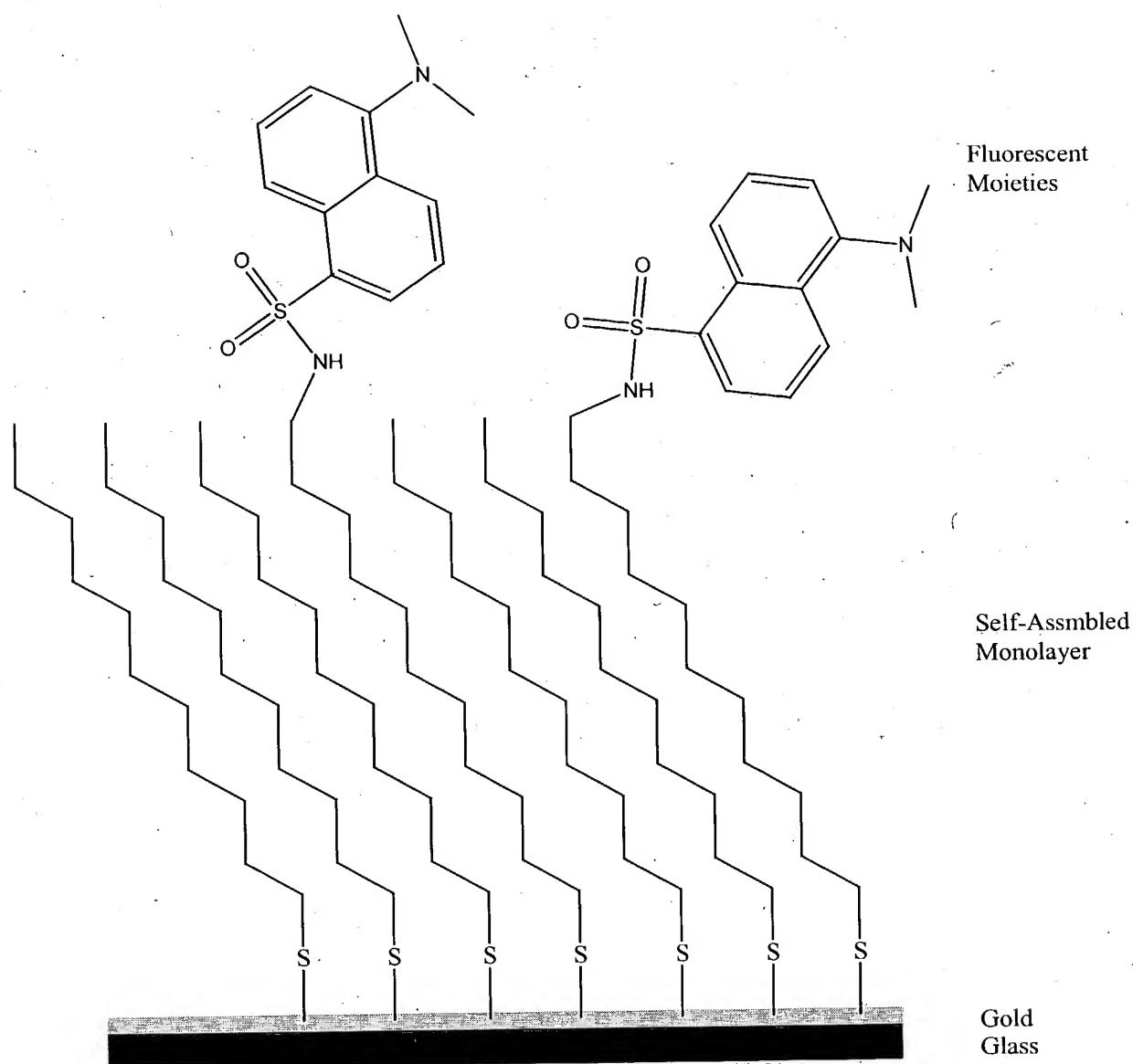
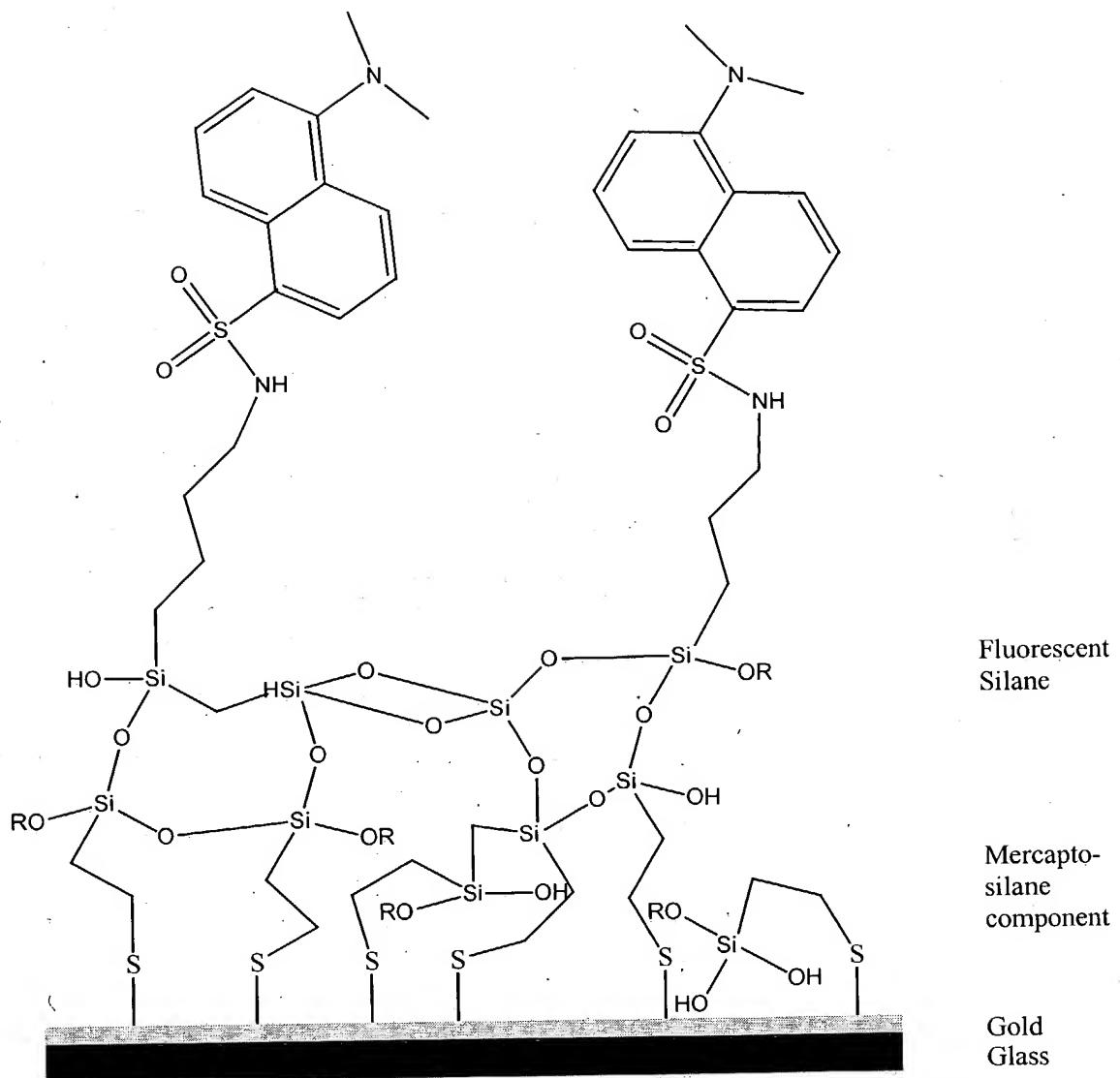


Figure 7



Gold surface + mercaptosilane $\{Si(OR)_3(CH_2)_nSH\}$ + fluorescent silane $\{Si(OR)_3(CH_2)_n(\text{fluorophore})\}$

Figure 8

Figure 9.

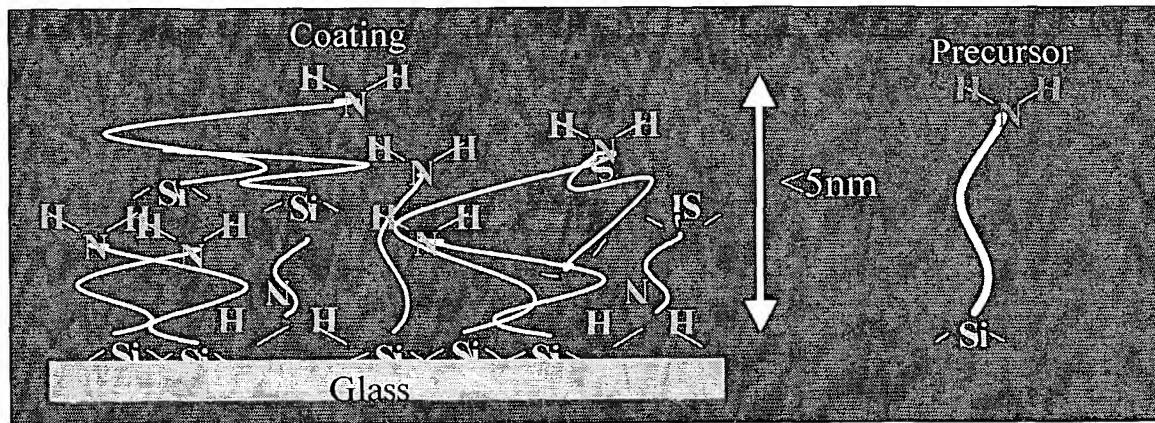


Figure 10

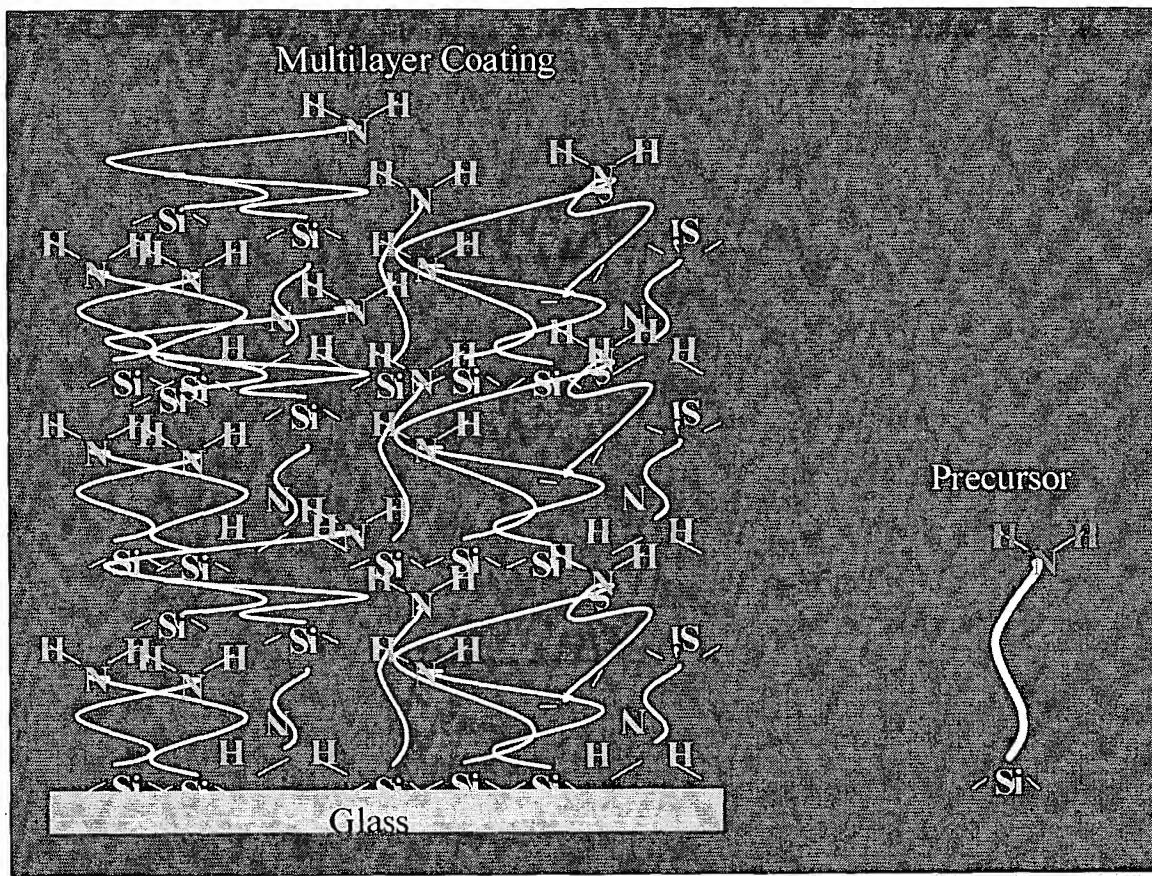


Figure 11:

Staining – Vertical vs Horizontal

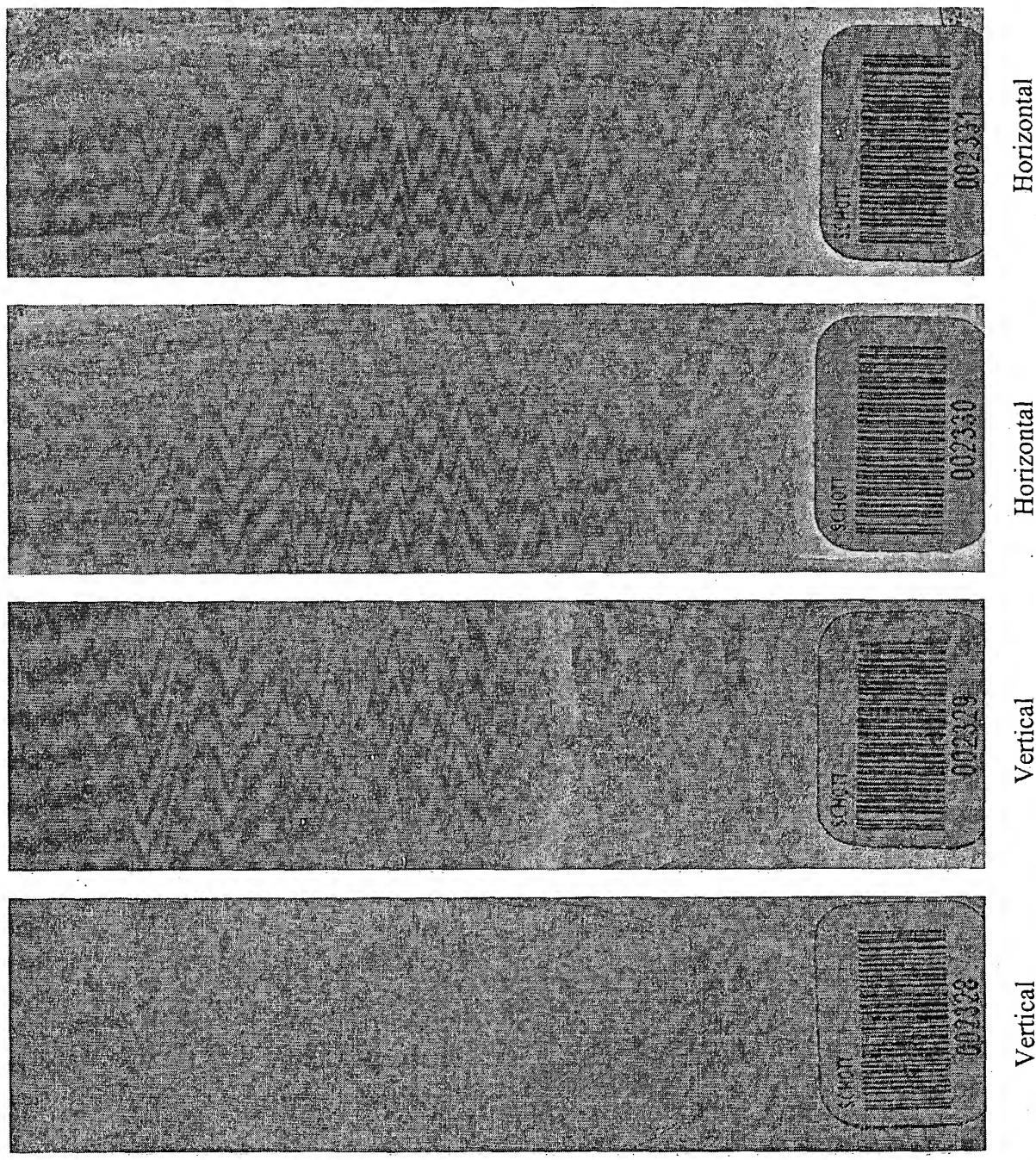


FIGURE 12

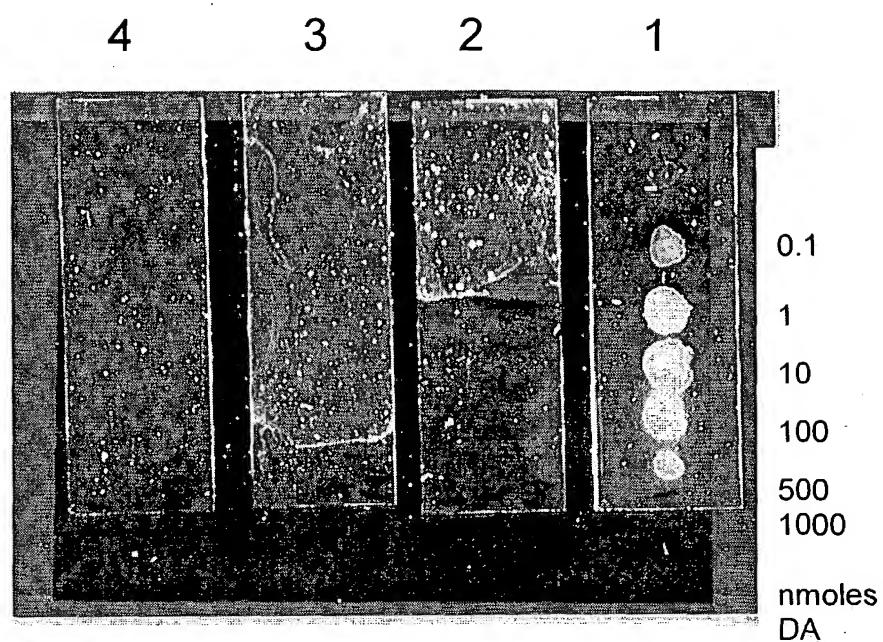


FIGURE 13

The reactive staining of slides coated with aminosilanes

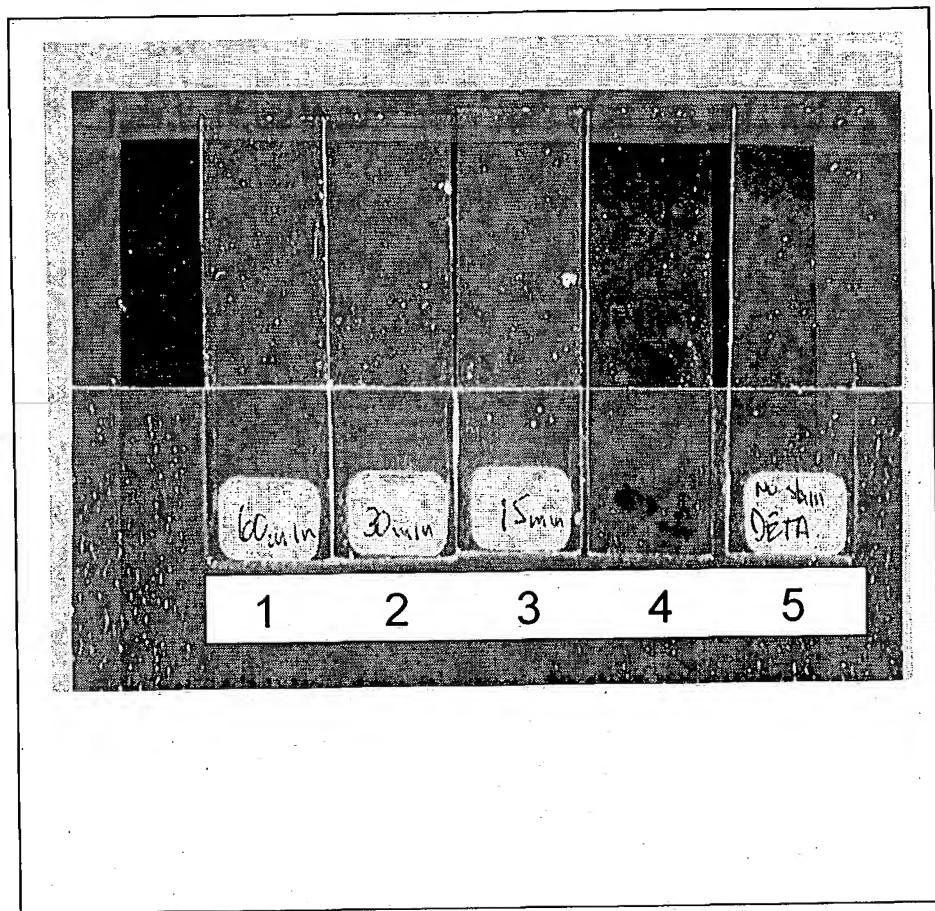


Figure 14:

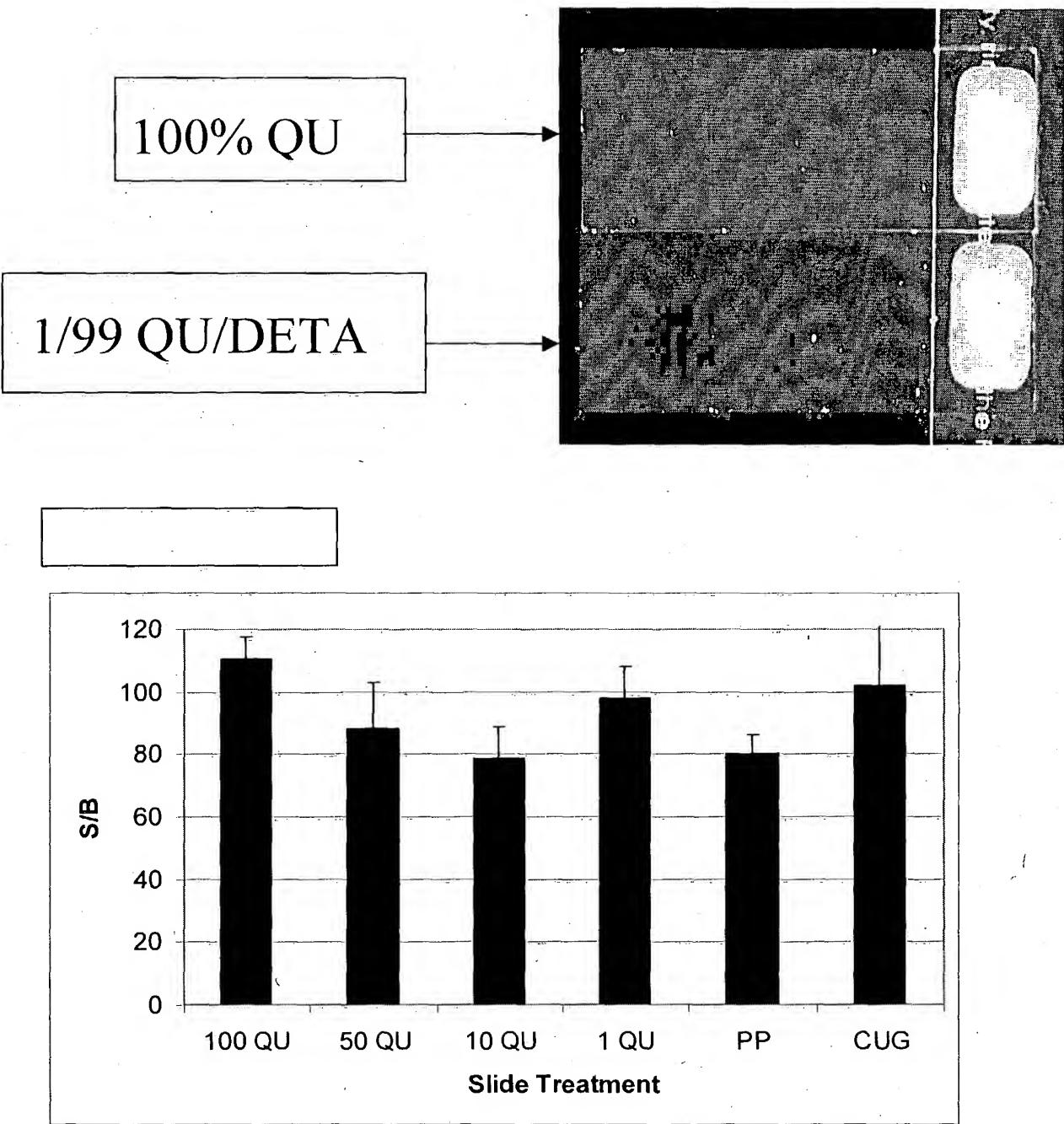
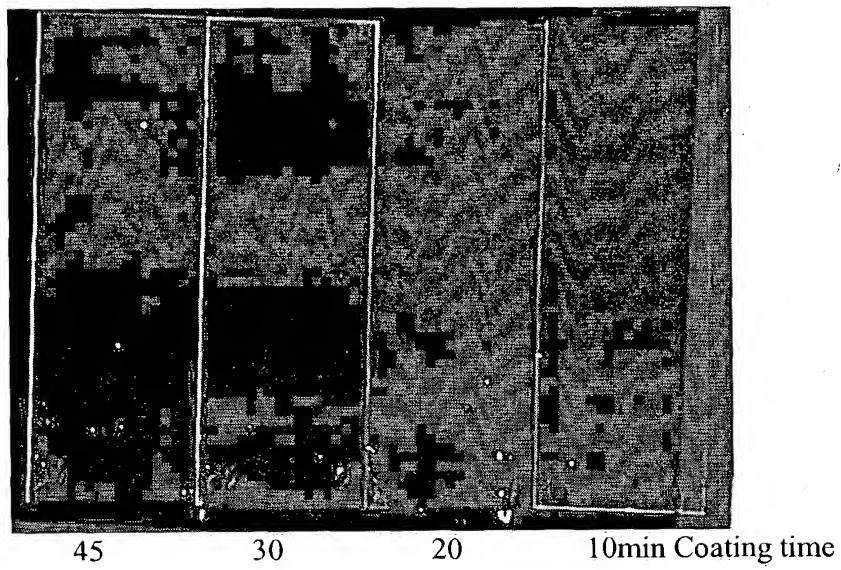
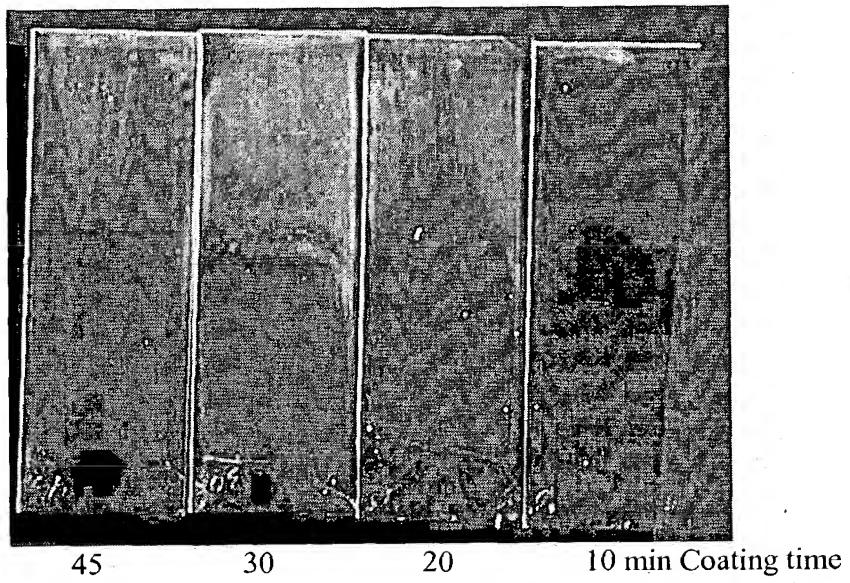


Figure 15



Unstained Hydrogel Covered slides



Half of the hydrogel covered slide was stained

Figure 16a

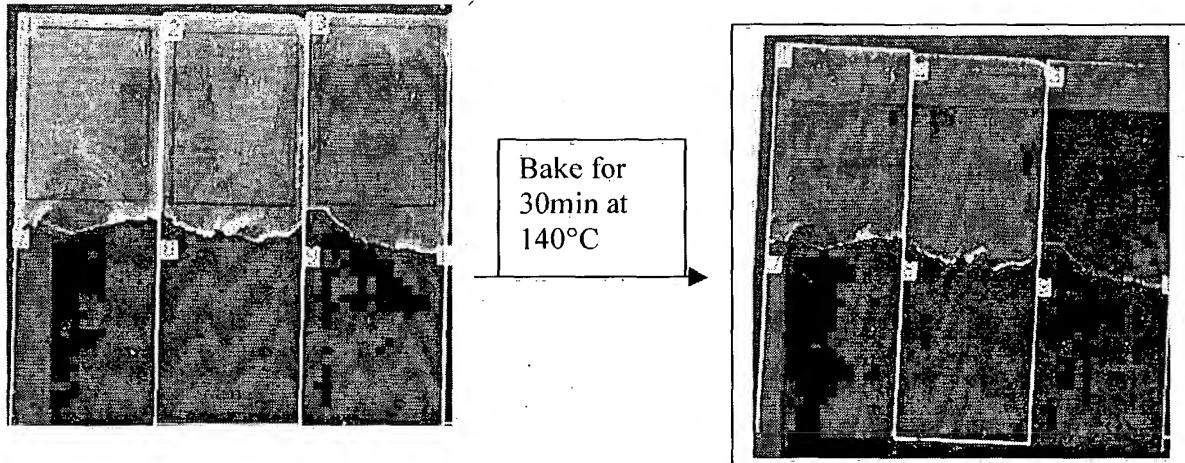


Figure 16B

